5: Allan C-5 (1941)1949 FR5 Ngoni FR5
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surveys. In an astonishing number of cases these sites were in completely waterless country and what were stated to have been permanent streams, pools and springs had dried up. The fierce late fires which swept through the empty country each year may have been a major cause of the dessication.

§ 4. *Roads and Watering Points*

After survey had been completed and before movement into an area started, roads (generally earth tracks twelve feet wide) were constructed. These were essential in order to facilitate movements of people and their food-stocks and goods, to enable subsequent supervision and to allow of the construction of watering-points. The preliminary surveys and the maps constructed from them were invaluable in planning the road systems in relation to topography and soils, so that they would be passable throughout the year.

Wherever necessary plans were prepared in advance, also on the basis of the preliminary surveys, to provide sufficient water for the number of people to be moved into each area, and the work of constructing water points was undertaken by the Water Development Department. Water was usually provided by means of dug wells (25 to 100 feet in depth), occasionally supplemented by bore-holes, but in some areas wells were unsuccessful and earth dams were constructed. In one locality, the Mushiri resettlement area of Ndola, a particularly favourable site was used to make a large central dam which was stocked with bream (*Tilapia spp.*) in the hope of producing a fish supply for the surrounding villages. A large scale water programme was undertaken, and is still in progress, in the Eastern Province and a minor programme of some thirty wells has been completed in Ndola District where natural supplies are very much better.

§ 5. *Game and Tsetse Control*

Another difficulty was the occurance of destructive game in unoccupied country. Villages commonly objected to movement on the grounds that elephant and wild pigs would destroy the crops, an objection which often contained a good deal of substance.

Reduction of destructive game was carried out, as far as ammunition supplies and trained African staff would allow, by the Department of Game and Tsetse Control.

In the northern part of Fort Jameson Districts, where a few cases of sleeping sickness appeared among villages moved into a 'fly' area, a campaign of game elimination was undertaken by the Department in conjunction with the clearing of 'hard pan' (pockets of *Albizzia Harveyi* on compacting pedocal soils, generally near watercourses). These measures appear to be giving very satisfactory and rapid results and the fly has been much reduced or eliminated in areas where it was formerly abundant.

/7 cont'd/

IV

353 Inside the house most of the household possessions are kept on the floor. At the back of the hut are the pots of the household, 415 large ten-gallon beer brewing pots, smaller pots for holding the beer when brewed, bowls for drinking beer, wide mouthed pots for washing, small deep pots for cooking porridge and relish, waterpots, ornamented gourds for strong beer, and simple gourd cups for water. With them are also enamel saucepans, basins, mugs, and dishes, and sometimes a kettle. Only the very prosperous have glassware or [511] china crockery.

323 Pottery is made by women only, and it is not a skill that every [469] woman possesses. In a village there are usually one or two women who make pots, while a few women have a reputation for good pottery that attracts customers to them from a wider neighbourhood. [489] Pots are usually sold for money, salt, or in return for bringing twice the amount of clay needed to make the article required. Petrol [415] and paraffin tins as well as enamel and tinware are also used.

For pot making, clay is chosen from an anthill or marsh, and soaked for three days before being kneaded. The pot is made from a coil, and after smoothing it is ornamented. It is burnt for one day, and may be given a dull black colour by being rubbed with the leaves [824] of the mbwabwa tree.

285 Hung on the walls of the hut or lying on the floor are the [353] different baskets owned by the household. Baskets are made by men, [467] and during the dry season when there is much road repair work to be [491] done it is common to see three or four men spending their evenings after work on the road in making baskets. These baskets are often [493] made to order, but the occasional hawker is seen. Large cuboid baskets are used for transporting mealies and grain, shallow baskets of two feet in diameter are used for winnowing flour, and small hemispherical baskets take the place of plates for /8/ porridge. These latter are frequently made in pairs, tied together with a string of beads, so that the second basket acts as a lid for the first and keeps